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PTO/SB/82 (05-03)  
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**REVOCATION OF POWER OF  
ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/763,611
Filing Date	01/23/2004
First Named Inventor	Otero et al.
Art Unit	3745
Examiner Name	
Attorney Docket Number	67097-360; EH-10974

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☐ A power of Attorney or Authorization of Agent is submitted herewith.

OR

☒ Please change the correspondence address for the above-identified application to:

☒ Customer Number 026096

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Number Bar Code  
Label here

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Carlson, Gaskey & Olds				
Address	400 West Maple Road, Ste. 350				
Address					
City	Michigan				
Country	48009	State	Michigan	Zip	48009
Telephone	248 988 8360	Fax	248 988 8363		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name	John Swiatocha, Asst. Secy., United Technologies Corp.		
Signature			
Date	6-8-05	Telephone	860.565-5106

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Otero et al.

Application No./Patent No.: 10/763,611 Filed/Issue Date: 01/23/2004

Entitled: Apparatus and Method for Reducing Operating Stress in a Turbine Blade and the Like

United Technologies Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014929, Frame 0992, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

John Swiatocha  
Signature

John Swiatocha

Printed or Typed Name

Assistant Secretary, United Technologies Corp.

Title

6.8.05

Date

860-565-5106

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARSHALL GERSTEIN

AUGUST 02, 2004

PTAS



\*102659136A\*

THOMAS A. MILLER  
6300 SEARS TOWER  
233 S. WACKER DRIVE  
CHICAGO, IL 60606-6357

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/23/2004

REEL/FRAME: 014929/0992

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 30757/39732

ASSIGNOR:

OTERO, EDWIN

DOC DATE: 01/05/2003

ASSIGNOR:

STRONG, PATRICK

DOC DATE: 01/15/2004

ASSIGNEE:

UNITED TECHNOLOGIES CORPORATION  
ONE FINANCIAL PLAZA  
HARTFORD, CONNECTICUT 06103

SERIAL NUMBER: 10763611

FILING DATE: 01/23/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR REDUCING OPERATING STRESS IN A TURBINE  
BLADE AND THE LIKE

014929/0992 PAGE 2

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



02-02-2004



102659136

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 03/31/2002)

IT

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party:

Edwin Otero  
Patrick Strong

1-23-04

## 2. Name and address of receiving party(ies)

Name: United Technologies Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

One Financial Plaza  
Hartford, Connecticut 06103City: HartfordCountry United States Zip: 06103Additional name(s) &  
address(es) attached:☐ Yes ☒ NoAdditional name(s) of conveying party(ies)  
attached?☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: January 1 and 15, 2004

## 4. Application number(s) or patent number(s):

10763611

If this document is being filed together with a new application, the execution date of the new application is: January 23, 2004

A. Patent Application No.:

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Thomas A. MillerInternal Address: Atty. Dkt.: 30757/39732Street Address: 6300 Sears Tower  
233 S. Wacker DriveCity:  
ChicagoState: IL Zip: 60606-63576. Total number of applications and  
patents involved:

1

## 7. Total fee (37 CFR 3.41)

\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 13-2855

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Matthew D. Fair  
Name of Person SigningMatthew D. Fair  
SignatureJanuary 23, 2004  
DateTotal number of pages including cover sheet, attachments, and documents: 322141 U.S. PTO  
10763611

012304

01/29/2004 EFLORES 00000018 10763611

04 FEB021

40.00 DP

## ASSIGNMENT

Serial No: \_\_\_\_\_

Filed: January 23, 2004

Title: Apparatus and Method for Reducing Operating Stress in a Turbine Blade and the Like

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to, United Technologies Corporation, One Financial Plaza, Hartford, Connecticut 06103, A Delaware corporation, (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on \_\_\_\_\_ and \_\_\_\_\_, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 5<sup>th</sup> day of January, <sup>2004</sup>~~2003~~.

  
Edwin Otero


State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003 before me, a Notary Public in and for the County and State aforesaid, appeared Edwin Otero, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: \_\_\_\_\_  
Notary Public

WITNESS my hand this 15 day of JANUARY, <sup>2004</sup>~~2003~~.

  
Patrick Strong

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003 before me, a Notary Public in and for the County and State aforesaid, appeared Patrick Strong, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: \_\_\_\_\_  
Notary Public